

ANACONDA MINERALS COMPANY
NEW MEXICO OPERATIONS
JACKPILE - PAGUATE MINE
SURVEY OF SUBSIDENCE STATIONS
DECEMBER 1985

Confidential Claim Retracted

AUTHORIZED BY: JK

DATE: 5/14/13

BY: HARMON ENGINEERING SURVEYS, INC.
LAGUNA, NEW MEXICO

CONFIDENTIAL

POL-EPA01-0005646



9404350

<u>MINE AREA & STATIONS</u>	<u>COORDINATES</u>		<u>ORIGINAL ELEVATION</u>	<u>DEC. 1985 ELEVATION</u>	<u>DIFFERENCE IN FEET</u>
	<u>NORTHING</u>	<u>EASTING</u>			
300 AREA					
1N	1001855.808	990225.720	6281.611	6281.624	+0.013
2N	1001877.383	990128.213	6288.550	6288.519	-0.031
3N	1001898.995	990030.618	6293.597	6293.534	-0.063
4N	1001921.721	989933.331	6303.779	6303.664	-0.115
5N	1001941.949	989835.653	6315.679	6315.538	-0.141
* 6N	1001963.563	989738.017	6313.817		
7N	DESTROYED BY SURFACE MINING ACTIVITY				
** 8N	1002006.574	989543.215	6333.117		
9N	1002029.772	989445.980	6346.807	6346.820	+0.013
10N	1002057.904	989350.333	6356.419	6356.488	+0.069
11S	DESTROYED BY SURFACE MINING ACTIVITY				
12S	1001883.652	989413.313	6355.790	6355.869	+0.079
13S	1001860.517	989510.569	6349.487	6349.543	+0.056
14S	1001838.964	989608.156	6349.066	6349.098	+0.032
15S	1001817.462	989705.581	6329.382	6329.368	-0.014
16S	1001795.905	989803.063	6319.279	6319.270	-0.009
17S	1001774.463	989900.596	6317.522	6317.535	+0.013
18S	DESTROYED BY SURFACE MINING ACTIVITY				
19S	1001731.347	990095.654	6303.924	6303.937	+0.013
20S	1001709.817	990193.223	6297.436	6297.490	+0.054
300-1	1002007.53	989700.97	6306.170	6306.235	+0.065
300-2	1001993.7	989794.44	6307.790	6307.770	-0.020
300-3	1001926.86	989883.57	6307.541	6307.514	-0.027
300-4	1001899.69	989980.34	6299.425	6299.376	-0.049
300-5	1001830.00	989660.00	6335.556	6335.559	+0.003
300-6	1001824.17	989756.75	6324.736	6324.716	-0.020
300-7	1001797.14	989856.33	6315.387	6315.361	-0.026
300-8	1001782.58	989951.29	6311.868	6311.854	-0.014
1500 AREA					
21E	1002413.950	988801.632	6374.552	6374.356	-0.196
22E	1002408.069	988735.171	6374.411	6374.115	-0.296
23E	1002567.974	988675.106	6370.097	6369.887	-0.210
24E	1002651.983	988621.025	6372.278	6372.028	-0.250
25E	1002739.832	988573.319	6375.064	6374.884	-0.180
26E	1002831.022	988532.215	6375.344	6375.244	-0.100
27E	1002925.968	988498.705	6362.668	6362.604	-0.064
28W	1002820.744	988322.298	6382.056	6382.013	-0.043
29W	1002727.672	988358.820	6389.707	6389.577	-0.130
30W	1002637.271	988401.342	6396.273	6396.178	-0.095

* Station 6N, having been placed in a steep drainage area, has been disturbed due to erosion.

** Station 8N, was washed out, probably during the Spring of 1985.

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<u>MINE AREA & STATIONS</u>	<u>COORDINATES</u>		<u>ORIGINAL ELEVATION</u>	<u>DEC. 1985 ELEVATION</u>	<u>DIFFERENCE IN FEET</u>
	<u>NORTHING</u>	<u>EASTING</u>			
1500 AREA Cont.					
31W	1002549.646	988449.424	6390.166	6390.092	-0.074
32W	1002465.376	988503.132	6396.564	6396.535	-0.029
33W	1002384.681	988562.138	6397.531	6397.484	-0.047
34W	1002307.966	988626.175	6395.114	6395.031	-0.083
49E	1002359.83	988867.33	6375.30	6375.121	-0.179
50W	1002233.61	988692.38	6397.56	6397.460	-0.100
1502-1	1002293.56	988706.73	6392.737	6392.667	-0.070
1502-2	1002220.01	988787.89	6392.170	6392.133	-0.037
1502-3	1002418.53	988758.49	6381.187	6381.044	-0.143
1502-4	1002348.07	988825.68	6380.380	6380.284	-0.096
PW 2/3 AREA					
35N	1007915.919	992533.789	6093.053	6092.988	-0.065
36N	1007959.732	992623.401	6089.604	6089.550	-0.054
37N	1008006.171	992712.086	6086.071	6086.032	-0.039
38N	1008055.693	992798.805	6079.042	6078.991	-0.051
39N	1007782.298	992601.697	6095.013	6094.978	-0.035
40S	1007826.104	992691.476	6094.645	6094.609	-0.036
41S	1007886.870	992773.032	6091.946	6091.938	-0.008
42S	1007928.839	992864.050	6082.464	6082.433	-0.031
002 AREA					
43N	1001667.09	991100.07	6218.405	6218.472	+0.067
44N	1001645.34	991200.08	6224.530	6224.542	+0.012
45N	1001625.08	991299.96	6225.195	6225.272	+0.077
46S	1001506.02	991100.07	6252.145	6252.226	+0.081
47S	1001490.51	991199.99	6240.048	6240.125	+0.077
48S	1001458.20	991300.07	6239.116	6239.213	+0.097
002-1	1001501.86	991739.46	6239.611	6239.675	+0.064
002-2	1001529.26	991162.09	6239.054	6239.111	+0.057
002-3	1001600.74	991173.91	6231.400	6231.456	+0.056
002-4	1001590.42	991253.97	6231.180	6231.210	+0.030

NOTE: A minus (-) sign preceeding a number in the difference-in-feet column indicates that the elevation is lower than the original elevation; a positive (+) sign indicates that it is higher.

<u>MINE AREA</u>	<u>CORRESPONDING BENCH MARK AND ELEVATION</u>	
300	P-10-3	6335.330
1500	FM-19	6438.664
PW 2/3	J-9	6138.162
002	P-10-3	6335.330

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